

*AMENDMENTS TO THE ABSTRACT*

An acid liquid leakage sensor ~~is capable of~~ quickly detecting liquid leakage from a device, such as a battery or the like, ~~in which~~ containing an acid liquid is charged, and this ~~acid liquid leakage sensor~~ includes a first conductive member, a second conductive member, and an electrically insulating material which establishes an electrically insulating state between these first and second conductive members. The electrically insulating material includes a macromolecular compound having a basic functional group, and ~~is one whose~~ an electrical insulation characteristic or high resistance characteristic that decreases upon reaction with an acid liquid, ~~so that it.~~ It is possible to detect leakage of acid liquid, such as battery fluid, by detecting the change of conductive state between the first conductive member and the second conductive member which accompanies ~~the~~ a decrease of the electrical insulation characteristic or high resistance characteristic of the electrically insulating material, when acid liquid leaks out and drips down the electrically insulating material.